



# INSTRUCTIONS TO FABRICATOR

Format sheet shows:

- I. Sign structure location.
- 2. Length of structure span.
- 3. Panel size and location on structure.
- 4. Post height to bottom of panel or mast arm elevation.
- 5. Base plate elevation.
- 6. Photoelectric cell location if required.
- 7. Walkway location.

# INDEX

panel o

+Sign

□ 0 =

Top of base plate

- I. Instructions and examples.
- 2. Single post type layout and pipe selection.
- 3. Two post type layout and pipe selection.
- 4. Structural frame details No. I.
- 5. Structural frame details No. 2.
- 6. Walkway details
- 7. Safety railing and cable details
- 8. Foundation details.

### WALKWAY BRACKETS:

Maintain uniform spacing where possible.

Maximum spacing shall not exceed 1.68 m

Minimum clear to field splice = 305 mm ±

# WALKWAY AND SAFETY RAILING:

Walkway to extend full length of sign area and be continuous between signs. Extend walkway to edge of pavement if required. Safety railing to protect entire walkway.

# PHOTOELECTRIC CELL:

Place behind sign panel nearest right shoulder unless otherwise shown on format sheet.

# NOTES

## Specifications:

Design: A.A.S.H.T.O. Standard Specifications for Structural and Supports for Highway Signs, Luminaires and Traffic Signals 1994.

Wind dynamics and resultant fatigue life were analyzed using Department of Transportation program WEFFLS as modified by structure Design.

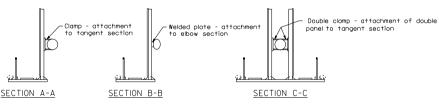
Construction: Standard specifications and the special provisions.

Wind loading: 129 km/h velocity.

Soil pressure: .086 MPa

Minimum vertical clearance: 5.50 m above roadway and shoulders.

Welding: All welding continuous unless otherwise noted on the plans. All welding to be done in accordance with the Standard Specifications.



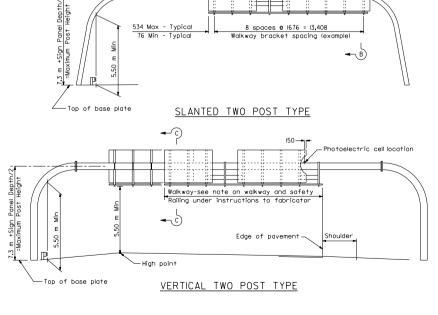
STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

# OVERHEAD SIGNS-TUBULAR INSTRUCTIONS AND EXAMPLES

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

S40N



Top of base plate

VERTICAL SINGLE POST TYPE

SLANTED SINGLE POST TYPE